

STEEL SHORINGPROP

by ZX New Materials Co., Ltd.

PRODUCT CATALOGUE

Steel Shoring Props · Scaffolding · Formwork · Steel Tube

Factory-direct manufacturer & exporter · OEM & custom RAL colour

FACTORY-DIRECT · OEM · WORLDWIDE EXPORT

About ZX New Materials

We are a professional Chinese manufacturer specialising in steel shoring props and scaffold-shoring systems. With complete in-house production — tube forming, welding, galvanizing, painting, inspection and container loading — and proven export experience, we supply reliable products to contractors, distributors and construction projects worldwide.

20+ EXPORT COUNTRIES	15+ YEARS EXPERIENCE	RAL CUSTOM COLOUR / LOGO	QC BATCH INSPECTED
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Why choose us

Factory-direct supply No middlemen — competitive prices from source.	OEM & custom manufacturing Size, colour, logo and packaging to your spec.
Stable quality control Welding, coating and loading checked every shipment.	Export experience Sea packing & correct documentation, worldwide.
Custom RAL colour Powder or liquid paint to any RAL standard.	Fast, reliable delivery Stable stock and capacity for short lead times.

Product range

01 Adjustable Steel Shoring Prop	Acrow prop for slab & formwork support
02 Scaffolding System	Frame, mobile tower & shoring scaffold
03 Steel Plank	Galvanized anti-slip scaffold board
04 Adjustable Screw Jack	Base jack & U head jack
05 Steel Formwork	Reusable concrete panel system
06 Galvanized Steel Pipe	GI pipe & scaffolding tube
07 Square & Rectangular Steel Tube	Galvanized SHS / RHS hollow section
08 Round Steel Tube	Galvanized circular hollow section (CHS)
09 Greenhouse Accessories	Connectors, clamps & film fixing

01

SHORING & SUPPORT

Adjustable Steel Shoring Prop

Acrow prop for slab & formwork support

Our flagship heavy-duty adjustable steel prop supports floor slabs, beams and formwork during concrete pouring until the structure is self-supporting. Telescopic inner/outer tubes give coarse height adjustment; a threaded sleeve nut sets the fine height. Painted or hot-dip galvanized, in any custom RAL colour with OEM branding.

Outer / inner tube	Ø48 / Ø56 mm
Sleeve nut	L 135 mm, double welded Ø12 handle
Pin / hook	Ø14 mm
Base plate	120 × 120 × 4.5 mm
Prop size	180 / 320 (painted)
Approx. weight	9 kg
Surface	Painted / hot-dip galvanized — custom RAL
Customization	Size, length, surface, colour, OEM logo

KEY FEATURES

- Telescopic coarse + fine thread adjustment
- High vertical load capacity
- Painted or hot-dip galvanized finish
- Custom RAL colour & OEM logo

APPLICATIONS

Slab support, formwork shoring, subway, bridge & dam construction.

02

ACCESS & SUPPORT

Scaffolding System

Frame, mobile tower & shoring scaffold

Reliable scaffolding for building construction, maintenance and temporary access. We supply H-frame and walk-through frame scaffolding, mobile scaffold towers with braked castors, and heavy-duty shoring scaffold for slab and formwork support — galvanized or painted, with stable load capacity and easy assembly.

Frame scaffolding	H-frame & walk-through, multiple sizes
Mobile tower	Braked castors, work platforms
Shoring scaffold	Heavy vertical load, safe re-shoring
Couplers & accessories	Ringlock, cuplock & fittings
Surface	Hot-dip galvanized / painted
Customization	Size, load capacity, surface, OEM

KEY FEATURES

- Frame / mobile / shoring configurations
- Stable, certified load capacity
- Fast assembly & dismantling
- Galvanized or painted finish

APPLICATIONS

Residential & commercial buildings, façade maintenance, industrial access.

03

PLATFORMS

Steel Plank

Galvanized anti-slip scaffold board

Galvanized steel plank (steel walk board) for scaffolding platforms, with a perforated anti-slip surface, high load capacity and welded end hooks for fast, safe attachment to the scaffold frame. Built to typical scaffold working loads (load class 2–3 per EN 12811) in OEM sizes.

Material	Q235 steel — pre / hot-dip galvanized
Length	0.5 m – 4 m (customizable)
Width	210 / 225 / 240 / 250 mm
Thickness	1.2 mm / 1.5 mm
Surface	Hot-dip galvanized, perforated anti-slip
End hook	Welded hooks for scaffold frame
Customization	Size, thickness, hook type, OEM logo

KEY FEATURES

- Perforated anti-slip surface
- Welded end hooks for safe locking
- Non-combustible, consistent strength
- Hot-dip galvanized corrosion resistance

APPLICATIONS

Scaffold working platforms, walkways, industrial & infrastructure access.

04

LEVELLING

Adjustable Screw Jack

Base jack & U head jack

Adjustable screw jack for scaffolding and shoring, available as a base jack and a U head jack, in solid or hollow rod. The galvanized base offers high load capacity, precise height adjustment and easy installation — ideal for levelling on uneven ground and transferring load at the top of a shoring tower.

Type	Base jack / U head jack (solid & hollow)
Rod diameter	Ø34 / Ø38 mm
Adjustable length	300 – 750 mm (customizable)
Base plate	150 × 150 × 5 mm
Nut	Forged / pressed wing nut
Material	Q235 steel
Surface	Hot-dip galvanized / painted
Customization	Length, plate size, solid/hollow rod, OEM

KEY FEATURES

- Base & U head types in one range
- Precise wing-nut height adjustment
- Solid or hollow rod options
- Hot-dip galvanized durability

APPLICATIONS

Scaffold levelling, slab & formwork shoring, bridge and industrial support.

05

FORMWORK

Steel Formwork

Reusable concrete panel system

High-strength steel formwork (steel shuttering) for concrete construction. Q235 steel face plates with ribbed frames resist high casting pressure, deliver a smooth concrete finish and 50–100+ reuses, with modular wedge-pin assembly for wall and slab formwork. Custom sizes for building and infrastructure projects.

Panel size	300×1500 / 600×1200 mm — custom
Face plate thickness	2.5 / 2.75 / 3.0 mm
Frame / rib	5–6 mm flat steel
Material	Q235 steel
Surface	Powder-coated / painted / oiled
Connection	Wedge pin / bolt
Reuse	50–100+ times
Customization	Size, thickness, surface, OEM

KEY FEATURES

- High-strength Q235 plate & ribbed frame
- 50–100+ reuses per panel
- Smooth concrete finish, less plastering
- Modular wedge-pin / bolt assembly

APPLICATIONS

Walls, columns, slabs, bridge piers, tunnels & infrastructure concrete.

06

STEEL TUBE

Galvanized Steel Pipe

GI pipe & scaffolding tube

Galvanized steel pipe (GI pipe) with strong corrosion resistance and long service life. Supplied as round galvanized tube, scaffolding pipe and hollow sections for construction, scaffolding and industrial use, with hot-dip or pre-galvanized finish and custom OEM sizes — including Ø48.3 mm scaffold tube to EN39 / BS1139.

Outer diameter (OD)	21.3 – 168 mm (1/2" – 6")
Wall thickness	1.5 – 4.0 mm
Length	1 – 12 m (customizable)
Surface	Hot-dip / pre-galvanized, zinc 60–275 g/m²
Material	Q195 / Q235 steel
Section	Round / square / rectangular
Standard	EN39 / BS1139 (scaffold), ASTM A53
Customization	OD, thickness, length, galvanizing, OEM

KEY FEATURES

- Strong corrosion resistance
- Ø48.3 mm scaffold tube to EN39 / BS1139
- Hot-dip or pre-galvanized finish
- Custom OD, thickness & length

APPLICATIONS

Scaffolding, structures, water & gas lines, fencing, greenhouses.

07

STEEL TUBE

Square & Rectangular Steel Tube

Galvanized SHS / RHS hollow section

Square (SHS) and rectangular (RHS) steel tube with a galvanized surface, high strength and excellent corrosion resistance. Supplied as galvanized hollow section in a wide size range for construction, steel structures and industrial fabrication, with flat faces that bolt and weld easily.

Square size (SHS)	20×20 – 200×200 mm
Rectangular size (RHS)	40×20 – 200×100 mm
Wall thickness	1.0 – 8.0 mm
Length	6 m / customizable
Surface	Hot-dip / pre-galvanized, black, painted
Material	Q195 / Q235 / Q345
Standard	EN10219, ASTM A500, GB/T 6728
Customization	Size, thickness, length, surface, OEM

KEY FEATURES

- Flat faces — easy to bolt & weld
- Q235 / Q345 structural performance
- Galvanized corrosion protection
- Tight tolerances, clean welds

APPLICATIONS

Steel structures, frames, columns, gates, railings, fabrication.

08

STEEL TUBE

Round Steel Tube

Galvanized circular hollow section (CHS)

Round steel tube and circular hollow section (CHS) with excellent corrosion resistance and structural strength. Supplied galvanized, black or painted in multiple sizes for construction, scaffolding and industrial applications, cut and surface-treated to your specification.

Outer diameter (OD)	21.3 – 168 mm (1/2" – 6")
Wall thickness	1.5 – 5.0 mm
Length	1 – 12 m (customizable)
Surface	Hot-dip / pre-galvanized, black, painted
Material	Q195 / Q235 / Q345 steel
Section	Round / circular hollow section (CHS)
Standard	EN10219, EN39, ASTM A53
Customization	OD, thickness, length, surface, OEM

KEY FEATURES

- Even load capacity from all directions
- Clean, uniform galvanized finish
- Q235 / Q345 structural strength
- Seamless & welded options

APPLICATIONS

Scaffolding, columns, structures, fencing, water & gas lines.

09

ACCESSORIES

Greenhouse Accessories

Connectors, clamps & film fixing

A complete range of galvanized greenhouse accessories: connectors, pipe clamps, spring (wiggle) wire and lock channel (poly-lock). Galvanized for corrosion resistance and long outdoor life, with custom and OEM production for film, glass and multi-span greenhouses.

Connectors	Cross, T and U connectors
Pipe clamps	Clamps & brackets for purlins / arches
Spring wire	Wiggle wire to lock film & netting
Lock channel	Poly-lock to hold film tensioned
Surface	Galvanized — corrosion resistant
Customization	Tube diameter, film type, OEM

KEY FEATURES

- Connectors, clamps, wiggle wire & poly-lock
- Galvanized for long outdoor life
- Fast hook, fix & lock assembly
- Custom sizes & OEM production

APPLICATIONS

Film & plastic greenhouses, multi-span structures, garden & agricultural.

GET A QUOTE

Contact our factory

Send us your product, size, surface treatment and quantity — our sales team replies within one working day. Factory-direct pricing, OEM and custom RAL colour welcome. We export to Europe, South America, the Middle East, South-East Asia and Africa.

WEBSITE	steelshoringprop.com
EMAIL	sales@steelshoringprop.com
WHATSAPP	+86 195 7498 9725
COMPANY	ZX New Materials Co., Ltd.
ADDRESS	Rongchao Trade Center, No.4028 Jintian Road, Futian District, Shenzhen, China

OEM & custom orders

All products are available with custom sizes, surface treatment (painted / hot-dip galvanized), custom RAL colour and OEM logo / silk-screen branding. Low MOQ for custom-colour trial orders. Send drawings, specifications or quantities for a fast factory quotation.